Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims

1.   (previously canceled)

2.   (previously canceled)

3.   (previously canceled)

4.   (previously canceled)

5.   (previously canceled)

6.   (previously canceled)

7.   (previously canceled)

8.   (currently amended) A system for synchronizing clocks across a network, comprising:

a device that receives a signal from a broadcast source that comprises a plurality of packets, at least a portion of the plurality of packets comprising an embedded time stamp;

a device that detects the at least a portion of the plurality of packets containing the embedded time stamp; and

a device that computes an adjusted time stamp based on the embedded timestamp and a precision local clock and incorporates the adjusted timestamp into the at least a portion of the plurality of packets containing the embedded timestamp after converting the at least a portion of the packets into Internet Protocol packets and prior to

transmitting the at least a portion of the plurality of packets to the network.

9.   (canceled)

10.   (previously presented) The system set forth in claim 8, wherein each of the plurality of packets receive a localized timestamp based on the precision local clock regardless of whether they contain the embedded timestamp.

11.   (previously presented) The system set forth in claim 8, wherein the network comprises a plurality of network set top boxes ("NSTBs").

12.   (previously presented) The system set forth in claim 11, wherein time synchronization data is sent to the NSTBs in a transport packet.

13.   (previously presented) The system set forth in claim 12, wherein each of the NSTBs is adapted to employ the transport packet to synchronize an internal clock to the embedded time stamps based on the time synchronization data.

14.   (previously presented) The system set forth in claim 8, wherein a normalized clock rate is computed from the embedded time stamp and the precision local clock.

15.   (previously presented) The system set forth in claim 8, wherein a time adjustment factor is computed.

16.   (currently amended) A method for synchronizing clocks across a network, the method comprising the acts of:

receiving a <u>broadcast</u> signal that comprises a plurality of packets, at least a portion of the plurality of packets comprising an embedded time stamp;

detecting packets containing the embedded time stamp;

computing an adjusted time stamp based on the embedded timestamp and a precision local clock;

converting the at least a plurality of the packets into Internet Protocol packets;

incorporating the adjusted timestamp into the at least a portion of the plurality

of packets containing the embedded timestamp ; and

transmitting the at least a portion of the plurality of packets to the network.

17.   (canceled)

18.   (previously presented) The method set forth in claim 16, comprising the act of incorporating a localized timestamp based on the precision local clock into each of the plurality of packets regardless of whether they contain the embedded timestamp.

19.   (previously presented) The method set forth in claim 16 , wherein the act of transmitting the at least a portion of the plurality of packets to the network comprises transmitting the at least a portion of the plurality of packets to a plurality of network set top boxes ("NSTBs").